

**Amendments to the Claims:**

This listing of claims will replace all prior versions and listings of claims in the application:

1-14 (Canceled)

15. (Currently Amended) A controlled structure copolymer comprising a (block A)-(block B) diblock copolymer, a (block A)-(block B)-(block A) triblock copolymer or a (block B)-(block A)-(block B) triblock copolymer ~~at least two parts A and B, which have different compositions,~~

wherein **part block** A comprises ionic or potentially ionic units, and

further wherein:

**part block** A is amphoteric ~~or zwitterionic~~ and comprises:

cationic or potentially cationic units  $A_C$ ,

anionic or potentially anionic units  $A_A$ , and

optionally, hydrophilic and/or hydrophobic neutral units  $A_N$ ,

~~and/or~~

~~zwitterionic units  $A_Z$ ,~~

~~optionally, cationic or potentially cationic units  $A_C$ ,~~

~~optionally, anionic or potentially anionic units  $A_A$ , and~~

~~optionally, hydrophilic and/or hydrophobic neutral units  $A_N$ , and~~

**part block** B is not amphoteric or zwitterionic.

16. (Currently Amended) The copolymer of claim 15, wherein **part block** B is a hydrophilic or hydrophobic neutral **part block** comprising hydrophilic or hydrophobic neutral units.

17-18. (Canceled)

19. (Previously Presented) The copolymer as claimed in claim 15, wherein said copolymer is obtained by a controlled radical polymerization.

20. (Currently Amended) The copolymer of claim 15, wherein **part block** B is a neutral **part block**, and **part block** A has a positive, negative or neutral average charge  $[[Q]]$ .

21. (Previously Presented) The copolymer of claim 15, wherein said copolymer is in the form of a powder, a dispersion in a liquid, or a solution.

22. (Previously Presented) The copolymer of claim 15, wherein the units  $A_C$  are derived from monomers comprising:

N,N-(dialkylamino- $\omega$ -alkyl)amides of  $\alpha,\beta$ -monoethylenically unsaturated carboxylic acids,

$\alpha,\beta$ -monoethylenically unsaturated amino esters,

vinylpyridines,

vinylamine,

vinylimidazolines,

monomers that are precursors of amine functions which give rise to primary amine functions by simple acid or base hydrolysis,

acryloyl- or acryloyloxyammonium monomers,

N,N-dialkyldiallylamine monomers,

polyquaternary monomers, or

mixtures thereof.

23. (Previously Presented) The copolymer of claim 22, wherein the units  $A_C$  are derived from monomers comprising:

N,N-dimethylaminomethylacrylamide, N,N-dimethylaminomethymethacrylamide, 2-(N,N-dimethylamino)ethylacrylamide, , 2-(N,N-dimethylamino)ethylmethacrylamide, 3-(N,N-dimethylamino)propylacrylamide, 3-(N,N-dimethylamino)propyl methacrylamide, 4-(N,N-dimethylamino)butylacrylamide, 4-(N,N-dimethylamino)butylmethacrylamide, 2-(dimethylamino)ethyl acrylate (DMAA), 2-(dimethylamino)ethyl methacrylate (DMAM), 3-(dimethylamino)propyl methacrylate, 2-(tert-butylamino)ethyl methacrylate, 2-(dipentylamino)ethyl methacrylate, 2(diethylamino)ethyl methacrylate, N-vinylformamide, N-vinylacetamide,

trimethylammonium propyl methacrylate chloride, trimethylammonium ethylacrylamide chloride, trimethylammonium ethylacrylamide bromide, trimethylammonium ethylmethacrylamide chloride, trimethylammonium ethylmethacrylamide bromide, trimethylammonium butylacrylamide methyl sulfate, trimethylammonium butylmethacrylamide methyl sulfate, trimethylammonium propylmethacrylamide methyl sulfate (MES), (3-methacrylamidopropyl)trimethylammonium chloride (MAPTAC), (3-acrylamidopropyl)trimethylammonium chloride (APTAC), methacryloyloxyethyltrimethylammonium chloride, methacryloyloxyethyltrimethylammonium methyl sulfate, acryloyloxyethyltrimethylammonium chloride,

1-ethyl-2-vinylpyridinium bromide, 1-ethyl-2-vinylpyridinium chloride, 1-ethyl-2-vinylpyridinium methyl sulfate, 1-ethyl-4-vinylpyridinium bromide, 1-ethyl-4-vinylpyridinium chloride, 1-ethyl-4-vinylpyridinium methyl sulfate;

N,N-dimethyldiallylammonium chloride (DADMAC);

dimethylaminopropylmethacrylamide chloride, or N-(3-chloro-2-hydroxypropyl)trimethylammonium (DIQUAT),

trimethylammonium ethyl acrylate methyl sulfate (ADAMquat), or  
mixtures thereof.

24. (Previously Presented) The copolymer of claim 15, wherein the units A<sub>A</sub> are derived from monomers comprising:

α,β-ethylenically unsaturated carboxylic acids or corresponding anhydrides, or their water-soluble salts;

precursors of carboxylate functions, which, after polymerization, form carboxylic functions by hydrolysis;

monomers having at least one sulfate or sulfonate function, or their water-soluble salts;

monomers having at least one phosphonate or phosphate function, the esters of ethylenically unsaturated phosphates, or their water-soluble salts; or

mixtures thereof.

25. (Previously Presented) The copolymer of claim 24, wherein the units A<sub>A</sub> comprise acrylic, methacrylic or maleic acids or anhydrides, fumaric acid, itaconic acid, N-methacroylalanine, N-acryloylglycine, tert-butyl acrylate, 2-sulfooxyethyl methacrylate, vinylbenzene sulfonic acid, allyl sulfonic acid, 2-acrylamido-2-methylpropane sulfonic acid, sulfooethyl acrylate or methacrylate, sulfopropyl acrylate or methacrylate, vinylphosphonic acid, the phosphates derived from hydroxyethyl methacrylate or the phosphates derived from polyoxyalkylene methacrylates.

26-29. (Canceled)

30. (Currently Amended) The copolymer of claim 15, wherein **part block B** comprises units derived from hydrophobic neutral monomers comprising:

vinylaromatic monomers,

vinyl halides, vinylidene halides,

C<sub>1</sub>-C<sub>12</sub> alkylesters of  $\alpha,\beta$ -monoethylenically unsaturated acids

vinyl esters of saturated carboxylic acids, allyl esters of saturated carboxylic acids,

$\alpha,\beta$ -monoethylenically unsaturated nitriles having from 3 to 12 carbon atoms,

$\alpha$ -olefins,

conjugated dienes,

monomers capable of generating polydimethylsiloxane chains, or

mixtures thereof.

31. **(Currently Amended)** The copolymer of claim 30, wherein the units of **part block**  
B are derived from hydrophobic neutral monomers comprising:

styrene, alpha-methylstyrene, vinyltoluene,

vinyl chloride, vinylidene chloride,

methyl, ethyl or butyl acrylates and methacrylates, 2-ethylhexyl acrylate,

vinyl or allyl acetates, propionates, versatates, stearates,

acrylonitrile, methacrylonitrile,

ethylene,

butadiene, isoprene, chloroprene, or

mixtures thereof.

32. **(Canceled)**

33. **(Previously Presented)** A detergent composition, fabric care composition, or  
composition for cleansing, treating and/or protecting the skin and/or the hair, comprising the  
copolymer of claim 15.

34. **(New)** The copolymer of claim 15, wherein block A is a random block.

35. (New) The copolymer of claim 15, wherein block A comprises a composition gradient.